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Figure 1

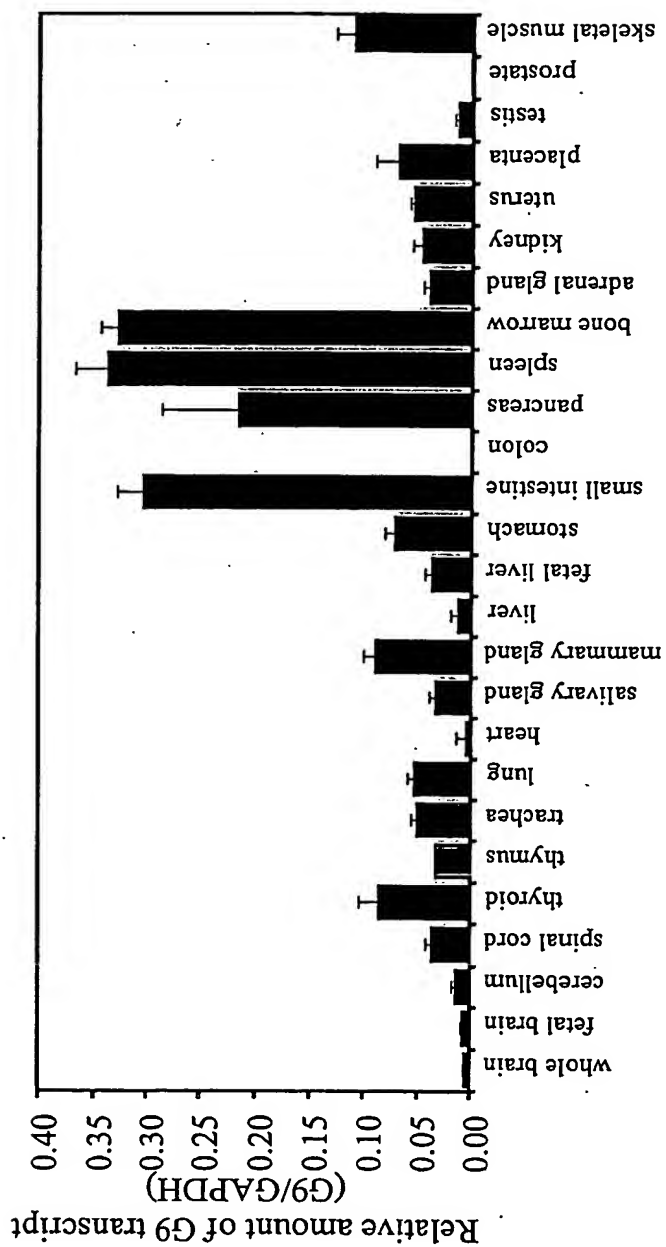
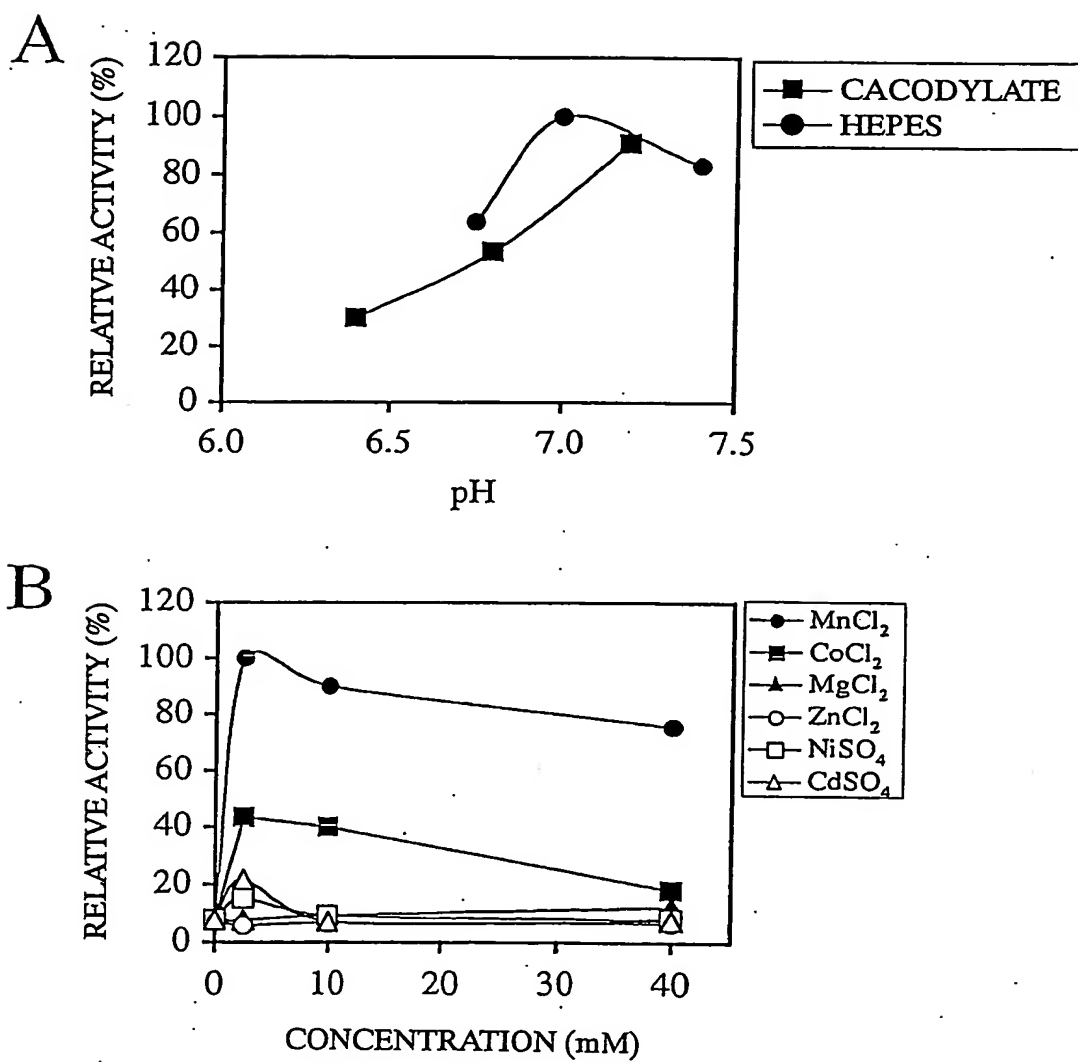
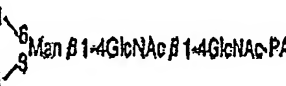
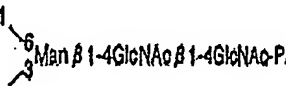

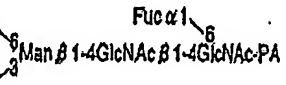
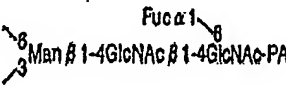
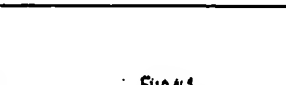
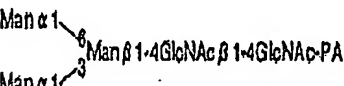


Figure 2



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Figure 3

SUBSTRATE (PA-SUGAR)	UDP-GLUCOSAMINE- TRANSFERRING EFFICIENCY (%)	
	β 3GnT2	G9
PA-001		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	ND
PA-002		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	ND
PA-004		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	14.7
PA-009		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	ND
PA-010		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	ND
PA-011		
Gal β 1-4GlcNAc β 1-2Man α 1 	100	8.9
PA-016		
Man α 1 	ND	ND

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Figure 4

